

## Central Federal Lands Highway Division

### Project Schedule and Resource Management

Version (Date): Dec 11, 2003

Activity ID: H3	Activity Title: Final Hydraulic Recommendation
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Activity Definition: Finalize the roadway, bridge and special features analysis and prepare the Final Hydraulics Report document.

Predecessor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag:	Successor Activities (ID's) & Relationships (i.e.: FS, SS, or FF) & Time Lag:
1. Pred: H2 Rel: FS Lag: 0	1. Succ: B3 Rel: FF Lag: 0
2. Pred: Rel: Lag:	2. Succ: D3 Rel: FF Lag: 0
3. Pred: Rel: Lag:	3. Succ: G3 Rel: FF Lag: 0
4. Pred: Rel: Lag:	4. Succ: Rel: Lag: 0
5. Pred: Rel: Lag:	5. Succ: Rel: Lag:
6. Pred: Rel: Lag:	6. Succ: Rel: Lag:
7. Pred: Rel: Lag:	7. Succ: Rel: Lag:

#### Required Activity Tasks:

1. Final Roadway Hydraulics - Complete culvert design computations; complete hydraulic analysis for culvert outlet protection, fill slope revetment protection, and inlet devices.
2. Final Bridge Hydraulics - Model final bridge waterway hydraulics using geometry from final bridge structural type, size, and length (TS & L); complete final bridge scour estimate; complete final bridge scour countermeasures analysis.
3. Final Hydraulic Special Features - Complete stream restoration and river training provisions; complete final hydraulic special features analysis.
4. Final Hydraulics Report - Complete final hydraulic report for distribution; submit LOMR to FEMA, if required.
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- 7.